

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2005/000119

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04M 1/247

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04M, G06F, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20030040850 A1 (NAJMI, A. ET AL), 27 February 2003 (27.02.2003), paragraphs 0010-0012; 0014; 0034-0036; 0044-0047; 0058-0059; 0103; 0108; 0112; figures 3,5, abstract	1,5-12, 14-16,18-29, 33-36
Y	--	2-4,30-32
Y	US 6405060 B1 (SCHROEDER, M.K. ET AL), 11 June 2002 (11.06.2002), column 1, line 51 - line 59; column 6, line 21 - column 7, line 13	2-4,30-32
	--	

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

30 June 2005

Date of mailing of the international search report

04-07-2005

Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. + 46 8 666 02 86

Authorized officer

Peter Hedman /OGU
Telephone No. + 46 8 782 25 00

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2005/000119

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0938052 A2 (UNWIRED PLANET, INC.), 25 August 1999 (25.08.1999), paragraphs 0025-0026; 0029-0032; 0034-0036; 0041; abstract	1,5-12, 14-16,18-29, 33-36
Y	-- -----	2-4,30-32

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI2005/000119

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 13 , 17
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

The result to be achieved in claim 13 is unclear.
It is unclear how the interaction described in claim 17 is achieved, since the necessary steps are not clearly described.
3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

28/05/2005

International application No.

PCT/FI 2005/000119

US	20030040850	A1	27/02/2003	WO	03014978 A	20/02/2003
				US	20030030666 A	13/02/2003

US	6405060	B1	11/06/2002	CA	2224895 A	06/02/1997
				DE	69631661 D, T	23/12/2004
				EP	0839427 A,B	06/05/1998
				ES	2215196 T	01/10/2004
				JP	2001519933 T	23/10/2001
				US	5797098 A	18/08/1998
				US	6032053 A	29/02/2000
				WO	9704580 A	06/02/1997

EP	0938052	A2	25/08/1999	CN	1235315 A	17/11/1999
				JP	11328078 A	30/11/1999
				US	6119155 A	12/09/2000